



ENTERPRISE INFORMATION SYSTEMS  
DEPARTMENT OF THE NAVY

# **PMW-205**

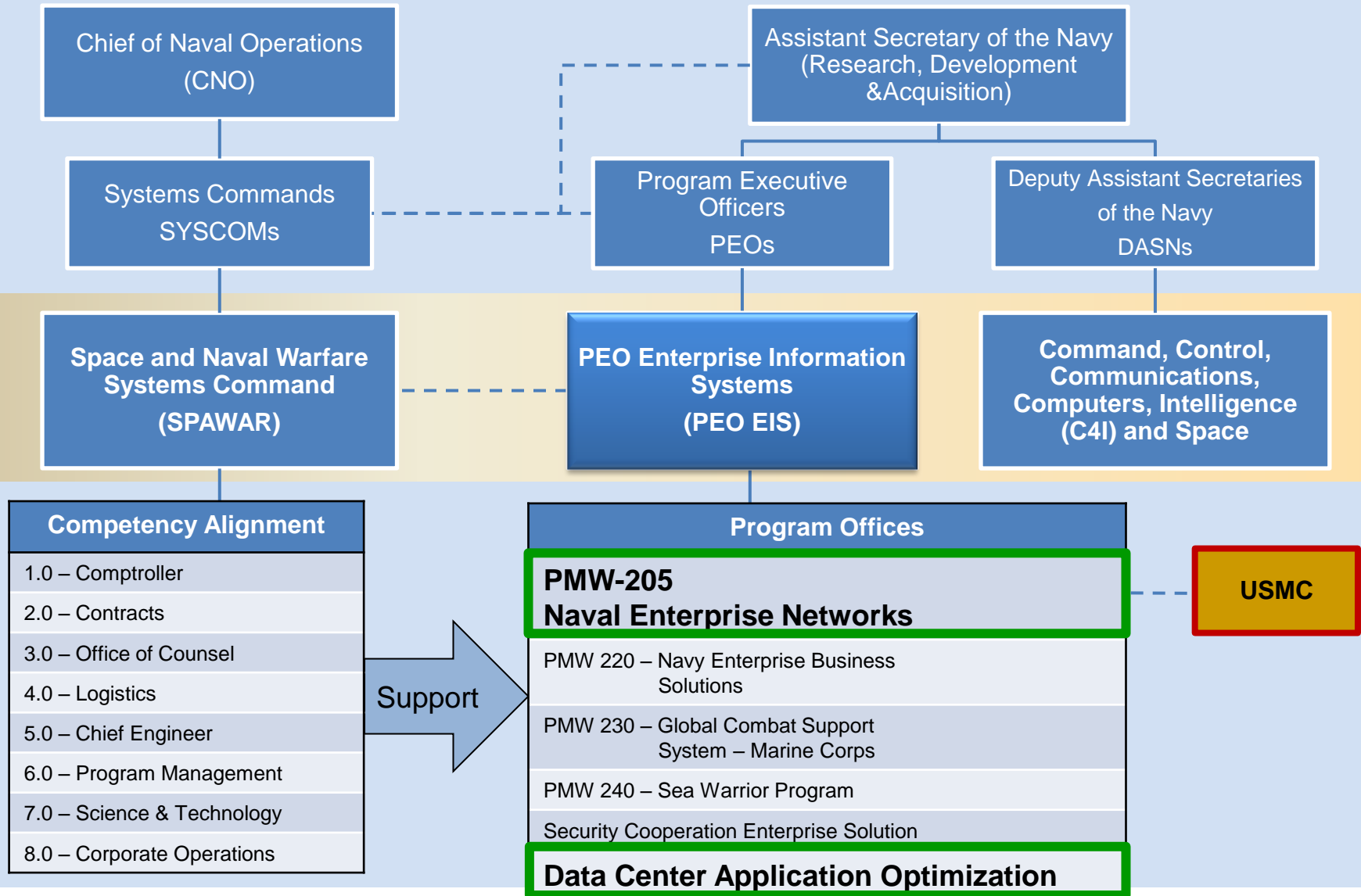
## **Naval Enterprise Networks (NEN)**

### **Closing Brief and Summary Remarks**



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**Naval Enterprise Networks (PMW-205)**  
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# DoN Acquisition Org Excerpt



## CHARTER

- Provide enterprise IT infrastructure and services to Navy and USMC personnel
  - Navy Marine Corps Intranet (NMCI) via NGEN contract
  - Base Level Information Infrastructure (BLII) for OCONUS Network (ONE-Net)
  - Support to USMC via NGEN

## PORTFOLIO

- NGEN -- 34 services, 700,000+ users, +2,500 sites for NMCI management and ops
- OCONUS Enterprise Network (ONE-Net) -- 14 major sites, 30,000+ users
- Global Piers Connectivity -- 18 CONUS and 8 OCONUS sites

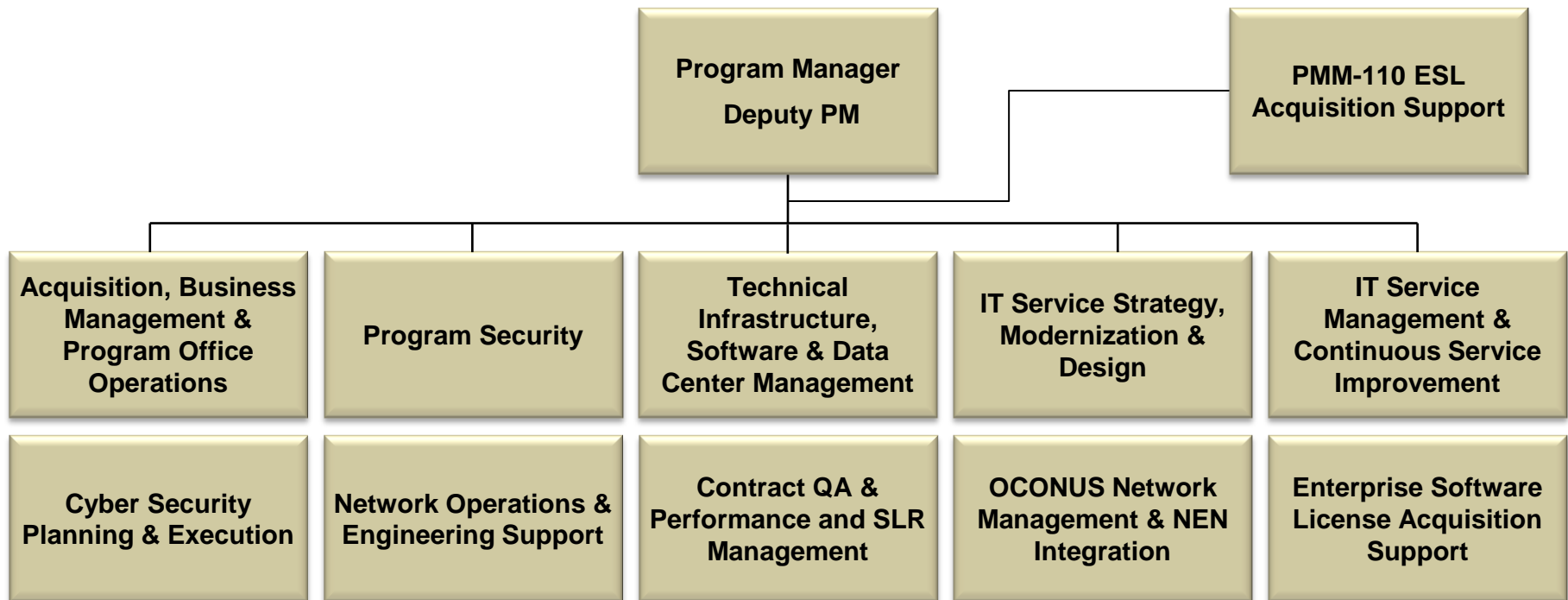
## PRIORITIES

- Support the operations and defense of the network
- Transition ONE-Net fully into the NEN Operating Model
- Optimize the people, processes, tools and technology to effectively deliver the Navy's networks in partnership with mission partners and fleet users
- Enhance existing capability while planning the future network architecture

**Full Life Cycle Responsibility for CONUS and OCONUS network services**

# PMW 205 Organization

## Functional Areas



**Program organization intended to allow effective management of all areas of network service provision to meet a global Navy need**

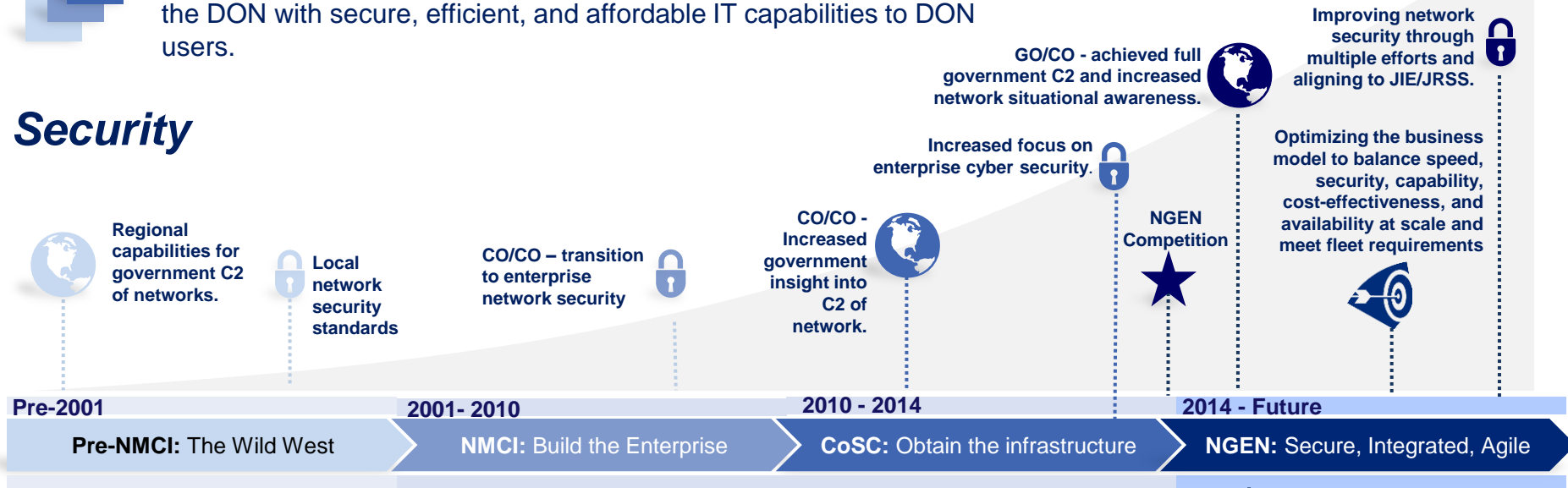
\* TRMP = Technology Refresh and Modernization Program

# History of NMCI

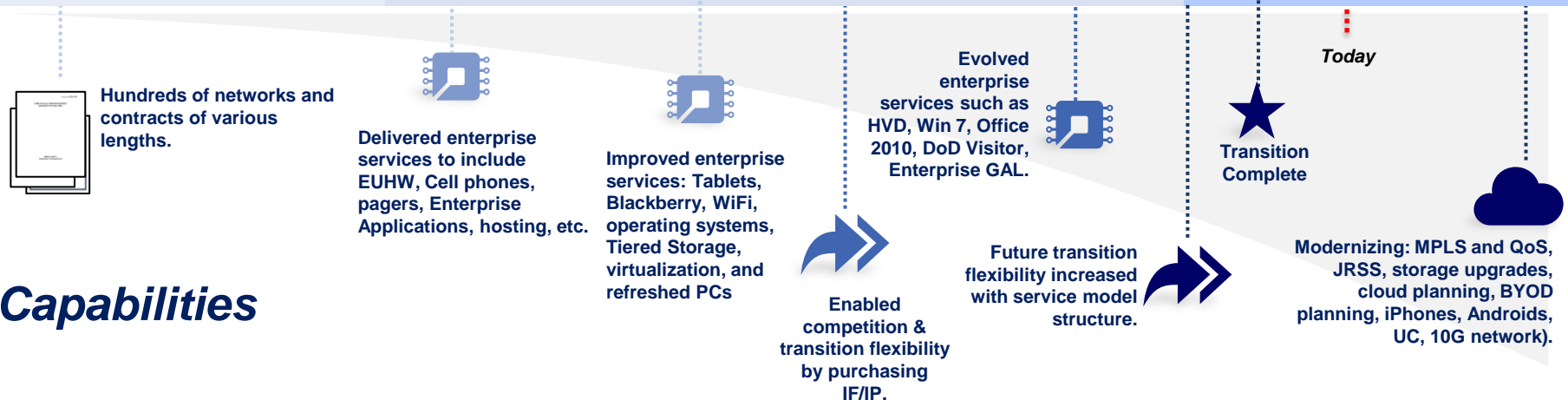
## The Evolution of NMCI

NMCI matured over a 15 year journey with an end goal of providing the DON with secure, efficient, and affordable IT capabilities to DON users.

## Security

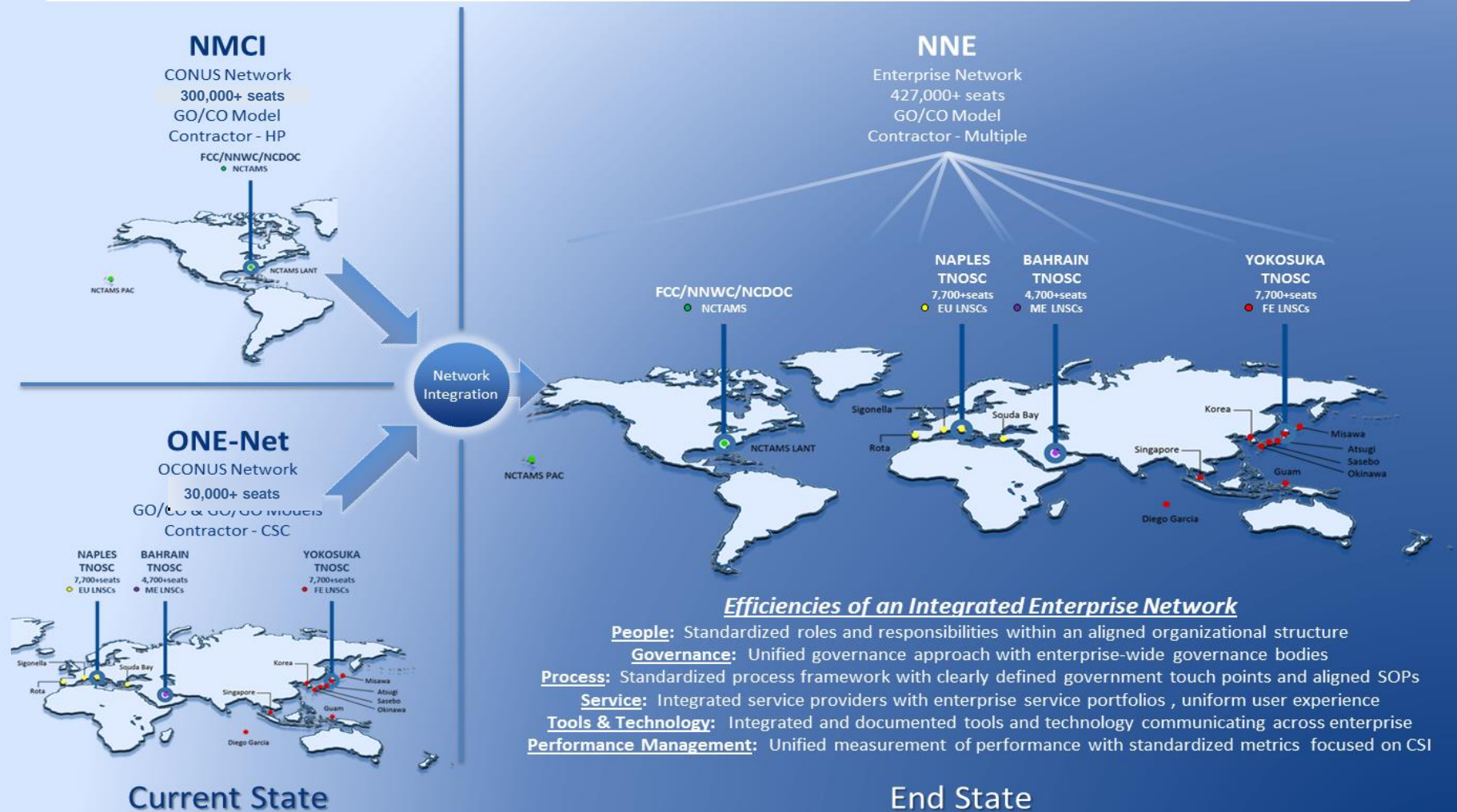


## Capabilities



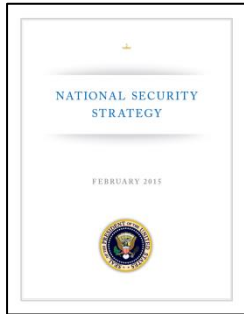
# A Global Navy Network

## NNE END STATE VISION

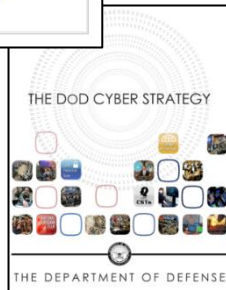




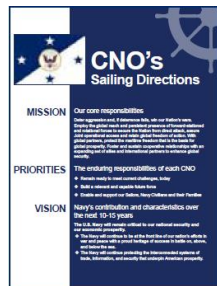
# The Network is a Mission Enabler



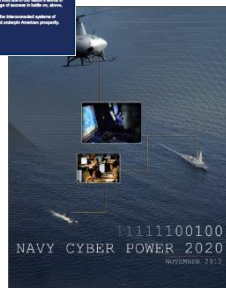
*“Our military will remain ready to deter and defeat threats to the homeland, including against missile, **cyber**, and terrorist attacks, while mitigating the effects of potential attacks and natural disasters.”*



*“We live in a time of growing **cyber** threats to U.S. interests. State and non-state actors threaten disruptive and destructive attacks against the United States and conduct **cyber-enabled** theft of intellectual property to undercut the United States’ technological and military advantage.*



*“**Cyberspace** will be operationalized with capabilities that span the electromagnetic spectrum – providing superior awareness and control when and where we need it.”*



*“Through the intelligent use of **cyberspace**, Navy warfighters will bring unique capabilities to the fight in order to achieve superior operational outcomes at the time and place of our choosing.”*

# The Challenge

**Deliver critical capabilities...**

**...to hundreds of thousands of end users...**

**...globally across multiple networks...**

**...involving many stakeholders...**

**...while complying with dynamic requirements...**



**Cyber Security**



**Network**



**Enterprise**



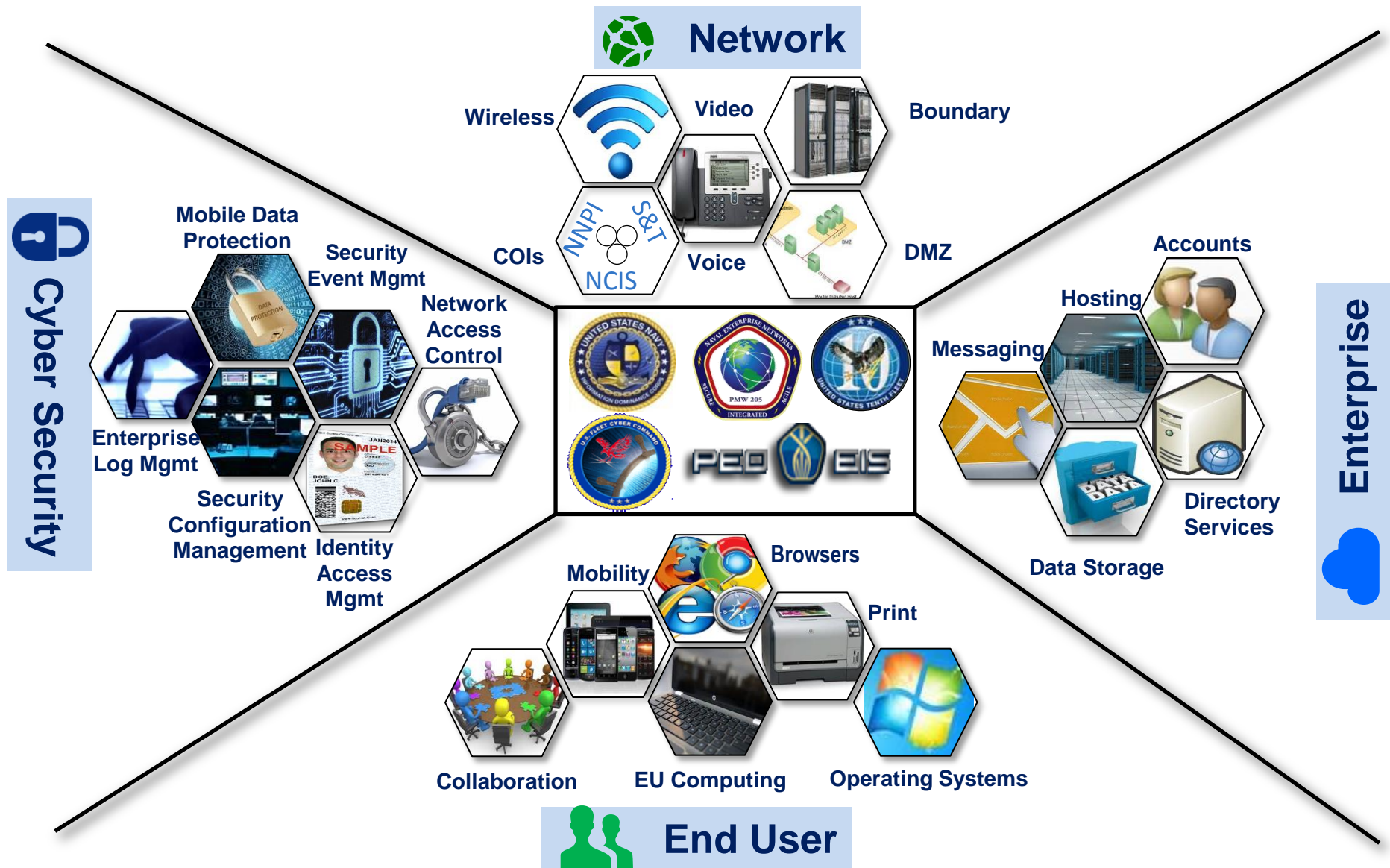
**End User**



**...in a budget-constrained environment on a network that is continuously under attack.**



# We Deliver Capabilities



- **The Navy's NIPR and SIPR networks are critical to enabling Information Dominance and conducting our everyday mission**
- **The future of information technology must be forecasted as well as possible to help outline the most effective way to deliver new capability**
- **That added capability must be balanced with the need for security, cost effectiveness, high availability, scalability, and speed (both of the network and of new technology).**

**Thank you for your participation, your feedback, and your help in continuing to meet the Navy's network needs across the globe**

# QUESTIONS?